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**BEFORE THE BOARD OF PATENT APPEALS
AND INTERFERENCES**

Application Number: 09/881,452
Filing Date: June 14, 2001
Appellant(s): HARMA, ESA

Geza C. Ziegler, Jr.
For Appellant

EXAMINER'S ANSWER

This is in response to the appeal brief filed 02-12-08 and Supplemental appeal brief filed 06-18-08 appealing from the Office action mailed 09-17-07.

(1) Real Party in Interest

A statement identifying by name the real party in interest is contained in the brief.

(2) Related Appeals and Interferences

A statement identifying the related appeals and interferences which will directly affect or be directly affected by or have a bearing on the decision in the pending appeal is contained in the brief.

(3) Status of Claims

The statement of the status of the claims contained in the brief is correct.

(4) Status of Amendments After Final

No amendment after final has been filed.

(5) Summary of Claimed Subject Matter

The summary of claimed subject matter contained in the brief is correct.

(6) Grounds of Rejection to be Reviewed on Appeal

The appellant's statement of the grounds of rejection to be reviewed on appeal is correct.

(7) Claims Appendix

The copy of the appealed claims contained in the Appendix to the brief is correct.

(8) Evidence Relied Upon

The following is a listing of the evidence (e.g., patents, publications, Official Notice, and admitted prior art) relied upon in the rejection of claims under appeal.

2002/0083148 A1

Shaw et al

06-2002

(9) Grounds of Rejection

The following ground(s) of rejection are applicable to the appealed claims:

Claim Rejections - 35 USC § 102

Claims 1-44 are rejected under 35 U.S.C. 102(e) as being anticipated by Shaw et al (20020083148). This rejection is set forth in a prior office Action, mailed on September 17, 2007.

Regarding claim 1, with respect to Figures 1-7, Shaw teaches a method for distributing a recreational application within a group of mobile terminals arrangements, where the group comprises at least two terminal (wireless users terminal, fig. 1) arrangements and each terminal (wireless users terminal, fig. 1) arrangement comprises a terminal (users terminal, fig. 1) of a broadband wireless access 34 in Fig.1 [i.e., wireless network system] the method comprising the steps of:

transmitting from a first terminal (wireless user terminal, fig. 1) of said group of terminals (wireless users terminal, fig. 1) to a second terminal (wireless users terminal, fig. 1) said group of terminals (wireless users terminal, fig. 1) an invitation [i.e., proposal] for setting up a session of utilising a online session software application [i.e., recreational application] (paragraphs 0030) (Note; In paragraph 0030, Shaw teaches one user is inviting another user to have gaming session. It clearly means that Shaw teaches transmitting from a first terminal of said group of terminals to a second terminal said group of terminals an invitation [i.e., proposal]. After the resource reservation phase, acknowledgement from other users, including their gaming profiles, are received by the user) and

Shaw further teaches only after the second terminal has received said proposal, using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal and the second terminal arrangement possess executable software components of said recreational application for setting up a common, shared session and for executing said recreation application on said first and second terminals (fig. 1, 5, 7; para. # 0031-0032). (Note; In paragraphs 0030-0032, Shaw teaches that after each of the users downloads the online session software application, each user invites another user to participate in online gaming session. For example, using software application during the online session, users may communicate with other users via voice, music, messaging, or video streams, playing game. The retrieved move is then used to update the displayed content. At the same time, the cache engine also receives multicast information from

other users' cache engines. The cache memory content is updated upon every user move or input. The retrieved user moves or input are used to update the displayed content. It clearly means that software components of said online session software application [i.e., recreational application] is executed for setting up a common, shared session such that both of the users can participate in the session.).

Regarding claim 36, Shaw teaches a terminal of a wireless network, comprising (fig. 1):

means for exchanging invitation [i.e., proposal] for setting up sessions of utilising a software application [i.e., recreational application] with other terminals in a wireless network system (paragraphs 0030) (Note; in paragraph 0030 and 0031, Shaw teaches one user is inviting another users to have gaming session. It clearly means that Shaw teaches exchanging invitation [i.e., proposal] for setting up sessions of utilising a software application [i.e., recreational application] with other terminals in a wireless network system.) and

means for responding to a situation where such proposals have been exchanged by using a communicational capability of said terminal to establish a state where both it and another terminal arrangement possess enough software components for setting up a common, shared session of utilising said recreational application (para. # 0031-0032, figs. 1 and 7) (Note; In paragraphs 0030-0032, Shaw teaches that after each of the users downloads the online session software application, each user invites another user to participate in online gaming session. After the resource reservation phase, acknowledgement from other users, including their gaming profiles, are received by the

user. For example, using software application during the online session, users may communicate with other users via voice, music, messaging, or video streams, playing game. The retrieved move is then used to update the displayed content. At the same time, the cache engine also receives multicast information from other users' cache engines. The cache memory content is updated upon every user move or input. The retrieved user moves or input are used to update the displayed content. It clearly means that software components of said online session software application [i.e., recreational application] is executed for setting up a common, shared session such that both of the users can participate in the session.).

Regarding claim 37 Shaw et al teaches a method for distributing recreational application within a group of terminal arrangements, where the group comprises at least two terminal arrangements and each terminal arrangement comprises a terminal of a wireless network system, the method comprising (figs. 1-7):

transmitting from first terminal to a second terminal proposal for setting up a session of utilising a recreational application and only after the second terminal has received said proposal (para. # 0030-0032, figs. 1 and 7), using the communicational capabilities of at least one of the first and second terminal to establish state where both the first terminal and the second terminal possess enough software components to, upon the receipt an enabling token (para. # 0030-0032, figs. 1 and 7), execute software of said recreational application, said software being available execution the first terminal and the second terminal, for setting up common, shared session utilising said recreational application (para. # 0030-0032, figs. 1 and 7).

Regarding claim 38 Shaw et al teaches a terminal arrangement comprising wireless network system, comprising (figs. 1 and 7):

means for exchanging proposals for setting up sessions utilising recreational application with other terminal in a wireless network system and terminal a means been exchanged by establish a state where responding situation where such proposals have its communicational capabilities another terminal arrangement possess enough resident software components of said recreational application for execution the terminal arrangement and another terminal, upon the receipt of an enablement token, for setting up common, shared session and executing said recreational application (para. # 0030-0032, figs. 1 and 7).

Regarding claim 39 Shaw et al teaches a terminal system comprising first terminal arrangement and a second terminal arrangement, comprising (figs. 1-7)

- in each said first and second terminal means for exchanging proposals for setting up sessions utilising recreational application with other terminal (para. # 0030-0032, figs. 1 and 7) and
- in each said first and second terminal means for responding to a situation where such proposals have been exchanged by using communicational capabilities of the first and second terminal to establish state where both said first and second terminal possess enough resident executable software components said recreational application setting up a common, shared session for executing said recreational application on said first and second terminal (para. # 0030-0032, figs. 1 and 7).

Regarding claim 40 Shaw et al teaches a of wireless terminals system comprising first terminal and a second terminal, comprising

- in each of said first and second terminal means exchanging proposals setting up sessions of utilising recreational application with other terminal (para. # 0030-0032, figs. 1 and 7) and

- in each of said first and second terminal means for responding to a situation where such proposals have been exchanged by using communicational capabilities of the first and second terminal establish a state where both of said first and second terminal possess enough software components enable resident executable software of said recreational application for setting up a common, shared session executing said recreational application said first and second terminal (para. # 0030-0032, figs. 1 and 7).

Regarding claim 41 Shaw et al teaches a communications system for distributing a recreational application within group terminal arrangements, comprising (figs. 1-7): first terminal arrangement, second terminal and a recreational application server (para. # 0030-0032, figs. 1 and 7),

- in each said first and second terminal means for exchanging proposals setting up sessions of utilising recreational application with other terminal (para. # 0030-0032, figs. 1 and 7) and

- in each of said first and second terminal and said recreational application server means for responding to a situation where such proposals have been exchanged by using communicational capabilities first and second terminal and said recreational application server establish state where both of said first and second terminal possess

resident executable software components of said recreational application for setting up a common (para. # 0030-0032, figs. 1 and 7), shared session for executing said recreational application on said first and second terminal (para. # 0030-0032, figs. 1 and 7).

Regarding claim 42 Shaw et al teaches wireless communications system distributing a recreational application within group of terminal arrangements, comprising (figs. 1-7)

first terminal, a second terminal arrangement and a recreational application server (para. # 0030-0032, figs. 1 and 7), each of said first and second terminal means exchanging proposals for setting up sessions utilising recreational application with other terminal and each of said first and second terminal and said recreational application server means for responding to a situation where such proposals have been exchanged by using communicational capabilities the first and second terminal and said recreational application server to establish a state where both of said first and second terminal arrangements possess resident software components of said recreational application for setting up a common, shared session for executing said recreational application on said first and second terminal (para. # 0030-0032, figs. 1 and 7).

Regarding claim 43 Shaw et al teaches a computer program product computer a terminal a wireless network system causing transmit from first terminal to a second terminal arrangement a proposal for setting up session of utilising recreational application and only after the second terminal has received said proposal, using communicational capabilities first terminal to establish state where both the first terminal

and the second terminal possess resident executable software components of said recreational application for setting up a common, shared session executing said recreational application said first and second terminal (para. # 0030-0032, figs. 1 and 7).

Regarding claim 44 Shaw et al teaches a computer program product which, upon execution computer of terminal of a wireless network system, produces transmitting from first terminal to a second terminal proposal for setting up a session of utilising a recreational application and only after the second terminal has received said proposal (para. # 0030-0032, figs. 1 and 7), using communicational capabilities first terminal establish state where both the first terminal the second terminal possess resident software components of said recreational application for setting up common, shared session for executing said recreational application on said first and second terminal (para. # 0030-0032, figs. 1 and 7).

Regarding claim 2 Shaw et al teaches transmitting from the first terminal arrangement to the second terminal arrangement a proposal identifying a number of proposed recreational applications (para. # 0030-0032, figs. 1 and 7), transmitting from the second terminal arrangement to the first terminal arrangement a request for obtaining a software component necessary for setting up a common (para. # 0030-0032, figs. 1 and 7), shared session of utilising one of said proposed recreational applications and as a response to receiving said request in said first terminal arrangement, transmitting said software component from the first terminal arrangement to the second terminal arrangement (para. # 0030-0032, figs. 1 and 7).

Regarding claim 3 Shaw et al teaches the step of presenting said number of proposed recreational applications to the user of the second terminal arrangement, is only executed as a response to receiving from said user an indication of acceptance concerning one of said number of proposed recreational applications (para. # 0030-0032, figs. 1 and 7).

Regarding claim 4 Shaw et al teaches comprises the sub step of transmitting said software component from the first terminal arrangement to the second terminal arrangement through a local communication link (para. # 0030-0032, figs. 1 and 7).

Regarding claim 5 Shaw et al teaches comprises the sub step of transmitting said software component from the first terminal arrangement to the second terminal arrangement through the cellular radio system (para. # 0030-0032, figs. 1 and 7).

Regarding claim 6 Shaw et al teaches transmitting from the second terminal arrangement to the first terminal arrangement an acknowledgement indicating the reception of said software component (para. # 0030-0032, figs. 1 and 7), indicating to the users of the first and second terminal arrangements the readiness of utilising the recreational application (para. # 0030-0032, figs. 1 and 7).

Regarding claim 7 Shaw et al teaches transmitting from the first terminal to the second terminal arrangement a proposal identifying a number of proposed recreational applications (para. # 0030-0032, figs. 1 and 7), transmitting from the second terminal to a recreational application server a request for obtaining a software component necessary for setting up a common, shared session of utilising one of said proposed recreational applications (para. # 0030-0032, figs. 1 and 7), and as a response to

receiving said request in said recreational application server, transmitting said software component from said recreational application server to the second terminal (para. # 0030-0032, figs. 1 and 7).

Regarding claim 8 Shaw et al teaches the step of presenting said number of proposed recreational applications to the user of the second terminal arrangement, so that step, is only executed as a response to receiving from said user an indication of acceptance concerning one of said number of proposed recreational applications (para. # 0030-0032, figs. 1 and 7).

Regarding claim 9 Shaw et al teaches transmitting from the second terminal arrangement to the first terminal arrangement an acknowledgement indicating the reception of said software component and, indicating to the users of the first and second terminal arrangements the readiness of utilising the recreational application (para. # 0030-0032, figs. 1 and 7).

Regarding claim 10 Shaw et al teaches transmitting from the first terminal arrangement to the second terminal arrangement a proposal identifying a number of proposed recreational applications (para. # 0030-0032, figs. 1 and 7), transmitting from the second terminal arrangement to the first terminal arrangement a request for obtaining a software component necessary for setting up a common, shared session of utilising one of said proposed recreational applications, as a response to receiving said request in said first terminal arrangement (para. # 0030-0032, figs. 1 and 7), transmitting a network address of a recreational application server from the first terminal arrangement to the second terminal arrangement, transmitting from the

second terminal arrangement to said recreational application server a request for obtaining a software component necessary for setting up a common (para. # 0030-0032, figs. 1 and 7), shared session of utilising one of said proposed recreational applications and as a response to receiving said request in said recreational application server, transmitting said software component from said recreational application server to the second terminal arrangement (para. # 0030-0032, figs. 1 and 7).

Regarding claim 11 Shaw et al teaches the step of presenting said number of proposed recreational applications to the user of the second terminal arrangement, so that step is only executed as a response to receiving from said user an indication of acceptance concerning one of said number of proposed recreational applications (para. # 0030-0032, figs. 1 and 7).

Regarding claim 12 Shaw et al teaches transmitting from the second terminal arrangement to the first terminal arrangement an acknowledgement indicating the reception of said software component and, indicating to the users of the first and second terminal arrangements the readiness of utilising the recreational application (para. # 0030-0032, figs. 1 and 7).

Regarding claim 13 Shaw et al teaches transmitting from the first terminal arrangement to the second terminal arrangement a proposal identifying a number of proposed recreational applications (para. # 0030-0032, figs. 1 and 7), transmitting from the second terminal arrangement to the first terminal arrangement a request for obtaining a software component necessary for setting up a common, shared session of

utilising one of said proposed recreational applications, as a response to receiving said request in said first terminal arrangement (para. # 0030-0032, figs. 1 and 7), transmitting from the first terminal arrangement to a recreational application server a request for downloading into the second terminal arrangement a software component necessary for setting up a common, shared session of utilising one of said proposed recreational applications and (para. # 0030-0032, figs. 1 and 7) as a response to receiving said request in said recreational application server, transmitting said software component from said recreational application server to the second terminal arrangement (para. # 0030-0032, figs. 1 and 7).

Regarding claim 14 Shaw et al teaches the step of presenting said number of proposed recreational applications to the user of the second terminal arrangement, is only executed as a response to receiving from said user an indication of acceptance concerning one of said number of proposed recreational applications (para. # 0030-0032, figs. 1 and 7).

Regarding claim 15 Shaw et al teaches transmitting from the second terminal arrangement to the first terminal arrangement an acknowledgement indicating the reception of said software component and indicating to the users of the first and second terminal arrangements the readiness of utilising the recreational application (para. # 0030-0032, figs. 1 and 7).

Regarding claim 16 Shaw et al teaches transmitting from the first terminal arrangement to the second terminal arrangement a proposal identifying a number of proposed recreational applications (para. # 0030-0032, figs. 1 and 7), transmitting from

the second terminal arrangement to the first terminal arrangement a request for obtaining a software component necessary for setting up a common, shared session of utilising one of said proposed recreational applications, as a response to receiving said request in said first terminal arrangement, transmitting from the first terminal arrangement to a recreational application server a request for downloading into the first terminal arrangement a software component necessary for setting up a common, shared session of utilising said one of said proposed recreational applications (para. # 0030-0032, figs. 1 and 7), as a response to receiving said request in said recreational application server, transmitting said software component from said recreational application server to the first terminal arrangement and as a response to receiving said software component, transmitting from the first terminal arrangement to the second terminal arrangement a software component necessary for setting up a common, shared session of utilising said one of said proposed recreational applications (para. # 0030-0032, figs. 1 and 7).

Regarding claim 17 Shaw et al teaches the step of presenting said number of proposed recreational applications to the user of the second terminal arrangement, is only executed as a response to receiving from said user an indication of acceptance concerning one of said number of proposed recreational applications (para. # 0030-0032, figs. 1 and 7).

Regarding claim 18 Shaw et al teaches transmitting from the second terminal arrangement to the first terminal arrangement an acknowledgement indicating the reception of said software component and, indicating to the users of the first and

second terminal arrangements the readiness of utilising the recreational application (para. # 0030-0032, figs. 1 and 7).

Regarding claim 19 Shaw et al teaches transmitting from the first terminal arrangement to the second terminal arrangement a proposal identifying a number of proposed recreational applications, transmitting from the second terminal arrangement to the first terminal arrangement a first acknowledgement indicating agreement to set up a common, shared session of utilising one of said proposed recreational applications (para. # 0030-0032, figs. 1 and 7), transmitting from the first terminal arrangement to a recreational application server a first request for obtaining a software component necessary for setting up a common (para. # 0030-0032, figs. 1 and 7), shared session of utilising said one of said proposed recreational applications, transmitting from the second terminal arrangement to a recreational application server a second request for obtaining a software component necessary for setting up a common, shared session of utilising said one of said proposed recreational applications, as a response to receiving said first request in said recreational application server, transmitting the requested software component from said recreational application server to the first terminal arrangement (para. # 0030-0032, figs. 1 and 7), as a response to receiving said second request in said recreational application server, transmitting the requested software component from said recreational application server to the second terminal arrangement and exchanging a pair of messages between the first and second terminal arrangements indicating the readiness of utilising the recreational application (para. # 0030-0032, figs. 1 and 7).

Regarding claim 20 Shaw et al teaches the step of presenting said number of proposed recreational applications to the user of the second terminal arrangement, so that step b) is only executed as a response to receiving from said user an indication of acceptance concerning one of said number of proposed recreational applications (para. # 0030-0032, figs. 1 and 7).

Regarding claim 21 Shaw et al teaches the step of indicating to the users of the first and second terminal arrangements the readiness of utilising the recreational application (para. # 0030-0032, figs. 1 and 7).

Regarding claim 22 Shaw et al teaches transmitting from the first terminal arrangement to the second terminal arrangement a proposal for setting up a common, shared session of utilising a recreational application (para. # 0030-0032, figs. 1 and 7), transmitting from the second terminal arrangement to the first terminal arrangement a proposal identifying a number of proposed recreational applications, transmitting from the first terminal arrangement to the second terminal arrangement a request for obtaining a software component necessary for setting up a common, shared session of utilising one of said proposed recreational applications and as a response to receiving said request in said second terminal arrangement, transmitting said software component from the second terminal arrangement to the first terminal arrangement (para. # 0030-0032, figs. 1 and 7).

Regarding claim 23 Shaw et al teaches the step of presenting said number of proposed recreational applications to the user of the first terminal arrangement, is only executed as a response to receiving from said user an indication of acceptance

concerning one of said number of proposed recreational applications (para. # 0030-0032, figs. 1 and 7).

Regarding claim 24 Shaw et al teaches indicating to the users of the first and second terminal arrangements the readiness of utilising the recreational application (para. # 0030-0032, figs. 1 and 7).

Regarding claim 25 Shaw et al teaches transmitting from the first terminal arrangement to the second terminal arrangement a complete copy of those software components which the first terminal uses for setting up a common, shared session of utilising said recreational application (para. # 0030-0032, figs. 1 and 7).

Regarding claim 26 Shaw et al teaches transmitting from the first terminal arrangement to the second terminal arrangement a limited copy of those software components which the first terminal uses for setting up a common, shared session of utilising said recreational application, said limited copy being only usable for setting up a common, shared session of utilising said recreational application together with the particular first terminal arrangement in question (para. # 0030-0032, figs. 1 and 7).

Regarding claims 27,34,35 Shaw et al teaches transmitting from the first terminal arrangement to the second terminal arrangement a more advanced copy of those software components which the first terminal uses for setting up a common, shared session of utilising said recreational application (para. # 0030-0032, figs. 1 and 7).

Regarding claim 28 Shaw et al teaches transmitting from the first terminal arrangement to the second terminal arrangement an authenticated offer for setting up a

common, shared session of utilising said recreational application, forwarding said authenticated offer from the second terminal arrangement to a recreational application server (para. # 0030-0032, figs. 1 and 7), and transmitting from said recreational application server to the second terminal arrangement a limited copy of software components needed for setting up a common, shared session of utilising said recreational application, said limited copy being only usable for setting up a common, shared session of utilising said recreational application together with the particular first terminal arrangement in question (para. # 0030-0032, figs. 1 and 7).

Regarding claim 29 Shaw et al teaches imposing a charge to the user of the first terminal arrangement for setting up a common, shared session of utilising said recreational application together with the particular second terminal arrangement in question (para. # 0030-0032, figs. 1 and 7).

Regarding claim 30 Shaw et al teaches transmitting from the second terminal arrangement to the first terminal arrangement an authenticated offer for setting up a common, shared session of utilising said recreational application, forwarding said authenticated offer from the first terminal arrangement to a recreational application server, and transmitting from said recreational application server to the second terminal arrangement a copy of software components needed for setting up a common, shared session of utilising said recreational application (para. # 0030-0032, figs. 1 and 7).

Regarding claim 31 Shaw et al teaches imposing a charge to the user of the second terminal arrangement for setting up a common, shared session of utilising said

recreational application together with the particular first terminal arrangement in question (para. # 0030-0032, figs. 1 and 7).

Regarding claim 32 Shaw et al teaches transmitting from the second terminal arrangement to the first terminal arrangement an authenticated offer for setting up a common, shared session of utilising said recreational application, forwarding said authenticated offer from the first terminal arrangement to a recreational application server together with another authenticated offer from the first terminal arrangement for setting up a common, shared session of utilising said recreational application (para. # 0030-0032, figs. 1 and 7), and transmitting from said recreational application server to the terminal arrangements copies of software components needed for setting up a common, shared session of utilising said recreational application (para. # 0030-0032, figs. 1 and 7).

Regarding claim 33 Shaw et al teaches imposing charges both to the user of the second terminal arrangement for setting up a common, shared session of utilising said recreational application together with the particular first terminal arrangement in question and to the user of the first terminal arrangement for setting up a common, shared session of utilising said recreational application together with the particular second terminal arrangement in question (para. # 0030-0032, figs. 1 and 7).

(10) Response to Argument

A: Claims 1-44 are rejected under 35 U.S.C. 102(e) as being anticipated by Shaw et al (20020083148).

Claim 1:

In general, Applicant's arguments reflect a difference of opinion over the teachings of the prior art and how these teachings would be evaluated in light of the knowledge generally available to those in the appropriate art and the level of ordinary skill in the art. Moreover, Applicant's take an overly narrow view of the claim language.

1. On pages 9-10 of the Appeal Brief, the Appellant contends the cited reference Shaw fails to support the rejection based on anticipation because it does not involve communications transmitted by a wireless terminal in a wireless network, the games in Shaw are not initiated by direct communication between first and second wireless terminals. Also, there is no suggestion that the games are played using software executed by a wireless terminal. Examiner respectfully disagrees with this argument for the following reasons:

Shaw explicitly discloses a method for distributing a recreational application online session software application [i.e., recreational application] (see para. 30, lines 4-

5) within a group of mobile terminals (34, fig. 1, para. 30, users) arrangements, where the group comprises at least two terminal (34, fig. 1, para. 30, users) arrangements and each terminal (34, fig. 1, para. 30, users) arrangement comprises a terminal (34, fig. 1, para. 30, users) of a broadband wireless access 34 in fig.1 [i.e., wireless network system] the method comprising the steps of:

With respect to fig. 1 and 7, Shaw teaches transmitting from a first terminal (34, fig. 1, para. 30, users) of said group of terminals (34, fig. 1, para. 30, users) to a second terminal (34, fig. 1, para. 30, users) said group of terminals (34, fig. 1, para. 30, users) an invitation 196, fig. 7, para. 30, line 12 [i.e., proposal] for setting up a session utilising an online session software application e.g. gaming application [i.e., recreational application]. In paragraph # 0030, Shaw teaches one user is inviting another user to have gaming session. It clearly means that Shaw teaches transmitting from a first terminal of said group of terminals to a second terminal said group of terminals an invitation [i.e., proposal], and Shaw further teaches only after the second terminal has received said proposal, using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal and the second terminal arrangement process executable software components of said recreational application for setting up a common, shared session and for executing said recreation application on said first and second terminals. In paragraphs 0030-0032, Shaw teaches that after each of the users downloads the online session software application, each user invites another user to participate in online gaming session. For example, using software application during the online

session, users may communicate with other users via voice, music, messaging, or video streams, playing game. The retrieved move is then used to update the displayed content. At the same time, the cache engine also receives multicast information from other users' cache engines. The cache memory content is updated upon every user move or input. The retrieved user moves or input are used to update the displayed content. It clearly means that software components of said online session software application [i.e., recreational application] is executed for setting up a common, shared session such that both of the users can participate in the session.

On page 10 of the Appeal Brief, there is no disclosure of direct communication between wireless terminal users to initiate a gaming session and there is no disclosure of downloading game application software to the wireless terminals that are in direct gaming communication. Examiner respectfully disagrees with this argument for the following reasons:

On the contrary applicant is not claiming any said "direct communication". Direct communication is not equivalent to shared session as argued above and therefore, Examiner's interpretation of common, shared session is as explained above. Examiner further, notices that there is no such language used in the claim as "downloading game application software to the wireless terminal".

On page 11 of the Appeal Brief show anticipation to a claimed feature "where proposal comes first and software thereafter, the Examiner cites a passage Shaw where software comes first and proposal thereafter". Examiner respectfully disagrees with this argument for the following reasons:

In paragraphs 0030-0032, Shaw teaches that after each of the users download the online session software application, each user invites the other user to participate in online gaming session. For example, using software application during the online session, users may communicate with other users via voice, music, messaging, video streaming or playing game. The retrieved move (user's monitored behavior) is then used to update the displayed content. At the same time, the cache engine also receives multicast information from other user's cache engine. The cache memory content is updated upon each and every user move or input. The retrieved user (user's monitored behavior) moves or input are used to update the displayed content. Therefore, the software components of said online session software application [i.e., recreational application] is executed for setting up a common, shared session such that both of the users can participate in the gaming session.

Claim 36:

On page 12 of the Appeal Brief, the Appellant contends the reference Shaw fails to disclose the elements of independent claims 1, and 36-44 of this application as applied to claim 1 above. In addition Shaw fails to disclose the claimed feature "means for responding to a situation where such proposals have been

exchanged by using its communication capabilities..." This is the same deficiency as indicated above in the case of claim 1, only with respect to apparatus. Shaw only discloses terminals that are capable of downloading the executable software components of the recreational application first and exchanging proposals only thereafter. Examiner respectfully disagrees with this argument for the following reasons:

Shaw teaches a method for distributing a recreational application online session software application see para. 30, lines 4-5 [i.e., recreational application] within a group of mobile terminals (34, fig. 1, para. 30, users) arrangements, where the group comprises at least two terminal (34, fig. 1, para. 30, users) arrangements and each terminal (34, fig. 1, para. 30, users) arrangement comprises a terminal (34, fig. 1, para. 30, users) of a broadband wireless access 34 in fig.1 [i.e., wireless network system] the method comprising the steps of:

With respect to fig. 1,7, Shaw teaches transmitting from a first terminal (34, fig. 1, para. 30, users) of said group of terminals (34, fig. 1, para. 30, users) to a second terminal (34, fig. 1, para. 30, users) said group of terminals (34, fig. 1, para. 30, users) an invitation 196, fig. 7, para. 30, line 12 [i.e., proposal] for setting up a session of utilising a online session software application [i.e., recreational application]. In paragraph # 0030, Shaw teaches one user is inviting another user to have gaming session. It clearly means that Shaw teaches transmitting from a first terminal of said group of terminals to a second terminal said group of terminals an invitation [i.e., proposal], and Shaw further teaches only after the second terminal has received said

proposal, using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal and the second terminal arrangement possess executable software components of said recreational application for setting up a common, shared session and for executing said recreation application on said first and second terminals. In paragraphs 0030-0032, Shaw teaches that after each of the users downloads the online session software application, each user invites another user to participate in online gaming session. For example, using software application during the online session, users may communicate with other users via voice, music, messaging, or video streams, playing game. The retrieved move is then used to update the displayed content. At the same time, the cache engine also receives multicast information from other users' cache engines. The cache memory content is updated upon every user move or input. The retrieved user moves (user's monitored behavior) or input are used to update the displayed content. It clearly means that software components of said online session software application [i.e., recreational application] is executed for setting up a common, shared session such that both of the users can participate in the session. Further Shaw discloses in [0030], the gaming engine includes a behavior monitor which monitors the end user's behavior or activities during a communication.

Claim 37:

On page 12 of the Appeal Brief, the Appellant contends claims 1, and 36-44 of this application as applied to claim 1 above. In addition with reference to claim 37, Shaw fails to disclose the claimed feature "only after the second terminal arrangement has received said proposal, using the communicational capabilities of at least one of the first and second terminal arrangements..., possess enough software components to, upon the receipt of an enabling token, to execute...". Examiner respectfully disagrees with this argument for the following reasons:

Shaw teaches a method for distributing a recreational application online session software application see para. 30, lines 4-5 [i.e., recreational application] within a group of mobile terminals (34, fig. 1, para. 30, users) arrangements, where the group comprises at least two terminal (34, fig. 1, para. 30, users) arrangements and each terminal (34, fig. 1, para. 30, users) arrangement comprises a terminal (34, fig. 1, para. 30, users) of a broadband wireless access 34 in fig.1 [i.e., wireless network system] the method comprising the steps of:

With respect to fig. 1,7, Shaw teaches transmitting from a first terminal (34, fig. 1, para. 30, users) of said group of terminals (34, fig. 1, para. 30, users) to a second terminal (34, fig. 1, para. 30, users) said group of terminals (34, fig. 1, para. 30, users) an invitation 196, fig. 7, para. 30, line 12 [i.e., proposal] for setting up a session of utilising a online session software application [i.e., recreational application]. In paragraph # 0030, Shaw teaches one user is inviting another user to have gaming session. It clearly means that Shaw teaches transmitting from a first terminal of said

group of terminals to a second terminal said group of terminals an invitation [i.e., proposal], and Shaw further teaches only after the second terminal has received said proposal, using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal and the second terminal arrangement possess executable software components of said recreational application for setting up a common, shared session and for executing said recreation application on said first and second terminals. In paragraphs 0030-0032, Shaw teaches that after each of the users downloads the online session software application, each user invites another user to participate in online gaming session. For example, using software application during the online session, users may communicate with other users via voice, music, messaging, or video streams, playing game. The retrieved move is then used to update the displayed content. At the same time, the cache engine also receives multicast information from other users' cache engines. The cache memory content is updated upon every user move or input. The retrieved user moves or input are used to update the displayed content. It clearly means that software components of said online session software application [i.e., recreational application] is executed for setting up a common, shared session such that both of the users can participate in the session. Further Shaw discloses in [0030], the gaming engine includes a behavior monitor which monitors the end user's behavior or activities during a communication which can be interpret as response and receipt of enabling token through which users initiate the gaming session.

Claim 38:

On page 13 of the Appeal Brief, the Appellant contends the Examiner has failed to establish that the reference Shaw expressly or inherently describes all of the elements of claim 38 of this application. Specifically the reference Shaw fails to disclose the elements of independent claims 38, as indicated with respect to claim 37 above. In addition with reference to claim 38, Shaw fails to disclose the claimed feature "means for responding to a situation where such proposals have been exchanged by using its communicational capabilities..., enough resident software components..., upon the receipt of an enablement token, for setting up...". Examiner respectfully disagrees with this argument for the following reasons:

Shaw teaches a method for distributing a recreational application online session software application see para. 30, lines 4-5 [i.e., recreational application] within a group of mobile terminals (34, fig. 1, para. 30, users) arrangements, where the group comprises at least two terminal (34, fig. 1, para. 30, users) arrangements and each terminal (34, fig. 1, para. 30, users) arrangement comprises a terminal (34, fig. 1, para. 30, users) of a broadband wireless access 34 in fig.1 [i.e., wireless network system] the method comprising the steps of:

With respect to fig. 1,7, Shaw teaches transmitting from a first terminal (34, fig. 1, para. 30, users) of said group of terminals (34, fig. 1, para. 30, users) to a second terminal (34, fig. 1, para. 30, users) said group of terminals (34, fig. 1, para. 30, users) an invitation 196, fig. 7, para. 30, line 12 [i.e., proposal] for setting up a session of utilising a online session software application [i.e., recreational application]. In

paragraph # 0030, Shaw teaches one user is inviting another user to have gaming session. It clearly means that Shaw teaches transmitting from a first terminal of said group of terminals to a second terminal said group of terminals an invitation [i.e., proposal], and Shaw further teaches only after the second terminal has received said proposal, using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal and the second terminal arrangement possess executable software components of said recreational application for setting up a common, shared session and for executing said recreation application on said first and second terminals. In paragraphs 0030-0032, Shaw teaches that after each of the users downloads the online session software application, each user invites another user to participate in online gaming session. For example, using software application during the online session, users may communicate with other users via voice, music, messaging, or video streams, playing game. The retrieved move is then used to update the displayed content. At the same time, the cache engine also receives multicast information from other users' cache engines. The cache memory content is updated upon every user move or input. The retrieved user moves or input are used to update the displayed content. It clearly means that software components of said online session software application [i.e., recreational application] is executed for setting up a common, shared session such that both of the users can participate in the session. Further Shaw discloses in [0030], the gaming engine includes a behavior monitor which monitors the end user's behavior or activities during

a communication which can be interpreted as response and receipt of enabling token through which users initiate the gaming session.

Claim 39:

On page 13 of the Appeal Brief, the Appellant contends the Examiner has failed to establish that the reference Shaw expressly or inherently describes all of the elements of claim 39 of this application. Specifically the reference Shaw fails to disclose the elements of independent claims 39, as indicated with respect to claim 36 above. In addition with reference to claim 39, Shaw fails to disclose the claimed feature "means for responding to a situation where such proposals have been exchanged by using communicational capabilities..., to establish a state where both... terminal arrangements possess enough resident executable software components..." Examiner respectfully disagrees with this argument for the following reasons:

Shaw teaches a method for distributing a recreational application online session software application see para. 30, lines 4-5 [i.e., recreational application] within a group of mobile terminals (34, fig. 1, para. 30, users) arrangements, where the group comprises at least two terminal (34, fig. 1, para. 30, users) arrangements and each terminal (34, fig. 1, para. 30, users) arrangement comprises a terminal (34, fig. 1, para. 30, users) of a broadband wireless access 34 in fig.1 [i.e., wireless network system] the method comprising the steps of:

With respect to fig. 1,7, Shaw teaches transmitting from a first terminal (34, fig. 1, para. 30, users) of said group of terminals (34, fig. 1, para. 30, users) to a second terminal (34, fig. 1, para. 30, users) said group of terminals (34, fig. 1, para. 30, users)

an invitation 196, fig. 7, para. 30, line 12 [i.e., proposal] for setting up a session of utilising a online session software application [i.e., recreational application]. In paragraph # 0030, Shaw teaches one user is inviting another user to have gaming session. It clearly means that Shaw teaches transmitting from a first terminal of said group of terminals to a second terminal said group of terminals an invitation [i.e., proposal], and Shaw further teaches only after the second terminal has received said proposal, using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal and the second terminal arrangement possess executable software components of said recreational application for setting up a common, shared session and for executing said recreation application on said first and second terminals. In paragraphs 0030-0032, Shaw teaches that after each of the users downloads the online session software application, each user invites another user to participate in online gaming session. For example, using software application during the online session, users may communicate with other users via voice, music, messaging, or video streams, playing game. The retrieved move is then used to update the displayed content. At the same time, the cache engine also receives multicast information from other users' cache engines. The cache memory content is updated upon every user move or input. The retrieved user moves or input are used to update the displayed content. It clearly means that software components of said online session software application [i.e., recreational application] is executed for setting up a common, shared session such that both of the users can participate in the session.

Claim 40:

On page 13 of the Appeal Brief, the Appellant contends The Examiner has failed to establish that the reference Shaw expressly or inherently describes all of the elements of claim 40 of this application. Specifically the reference Shaw fails to disclose the elements of independent claims 40, as indicated with respect to claim 38 above. In addition with reference to claim 40, Shaw fails to disclose the claimed feature "means for responding to a situation where such proposals have been exchanged by using communicational capabilities..., to establish a state where both...terminal arrangements possess enough software components to enable resident executable software... Examiner respectfully disagrees with this argument for the following reasons:

Shaw teaches a method for distributing a recreational application online session software application see para. 30, lines 4-5 [i.e., recreational application] within a group of mobile terminals (34, fig. 1, para. 30, users) arrangements, where the group comprises at least two terminal (34, fig. 1, para. 30, users) arrangements and each terminal (34, fig. 1, para. 30, users) arrangement comprises a terminal (34, fig. 1, para. 30, users) of a broadband wireless access 34 in fig.1 [i.e., wireless network system] the method comprising the steps of:

With respect to fig. 1,7, Shaw teaches transmitting from a first terminal (34, fig. 1, para. 30, users) of said group of terminals (34, fig. 1, para. 30, users) to a second terminal (34, fig. 1, para. 30, users) said group of terminals (34, fig. 1, para. 30, users) an invitation 196, fig. 7, para. 30, line 12 [i.e., proposal] for setting up a session of

utilising a online session software application [i.e., recreational application]. In paragraph # 0030, Shaw teaches one user is inviting another user to have gaming session. It clearly means that Shaw teaches transmitting from a first terminal of said group of terminals to a second terminal said group of terminals an invitation [i.e., proposal], and Shaw further teaches only after the second terminal has received said proposal, using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal and the second terminal arrangement possess executable software components of said recreational application for setting up a common, shared session and for executing said recreation application on said first and second terminals. In paragraphs 0030-0032, Shaw teaches that after each of the users downloads the online session software application, each user invites another user to participate in online gaming session. For example, using software application during the online session, users may communicate with other users via voice, music, messaging, or video streams, playing game. The retrieved move is then used to update the displayed content. At the same time, the cache engine also receives multicast information from other users' cache engines. The cache memory content is updated upon every user move or input. The retrieved user moves or input are used to update the displayed content. It clearly means that software components of said online session software application [i.e., recreational application] is executed for setting up a common, shared session such that both of the users can participate in the session.

Claim 41:

On page 14 of the Appeal Brief, the Appellant contends the Examiner has failed to establish that the reference Shaw expressly or inherently describes all of the elements of claim 41 of this application. Specifically the reference Shaw fails to disclose the elements of independent claims 41, as indicated with respect to claims 36 and 39 above. In addition with reference to claim 41, Shaw fails to disclose the claimed feature: "...means for responding to a situation where such proposals have been exchanged by using communicational capabilities..., to establish a state where both., terminal arrangements possess enough resident executable software components... Examiner respectfully disagrees with this argument for the following reasons:

Shaw teaches a method for distributing a recreational application online session software application see para. 30, lines 4-5 [i.e., recreational application] within a group of mobile terminals (34, fig. 1, para. 30, users) arrangements, where the group comprises at least two terminal (34, fig. 1, para. 30, users) arrangements and each terminal (34, fig. 1, para. 30, users) arrangement comprises a terminal (34, fig. 1, para. 30, users) of a broadband wireless access 34 in fig.1 [i.e., wireless network system] the method comprising the steps of:

With respect to fig. 1,7, Shaw teaches transmitting from a first terminal (34, fig. 1, para. 30, users) of said group of terminals (34, fig. 1, para. 30, users) to a second terminal (34, fig. 1, para. 30, users) said group of terminals (34, fig. 1, para. 30, users) an invitation 196, fig. 7, para. 30, line 12 [i.e., proposal] for setting up a session of utilising a online session software application [i.e., recreational application]. In

paragraph # 0030, Shaw teaches one user is inviting another user to have gaming session. It clearly means that Shaw teaches transmitting from a first terminal of said group of terminals to a second terminal said group of terminals an invitation [i.e., proposal], and Shaw further teaches only after the second terminal has received said proposal, using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal and the second terminal arrangement possess executable software components of said recreational application for setting up a common, shared session and for executing said recreation application on said first and second terminals. In paragraphs 0030-0032, Shaw teaches that after each of the users downloads the online session software application, each user invites another user to participate in online gaming session. For example, using software application during the online session, users may communicate with other users via voice, music, messaging, or video streams, playing game. The retrieved move is then used to update the displayed content. At the same time, the cache engine also receives multicast information from other users' cache engines. The cache memory content is updated upon every user move or input. The retrieved user moves or input are used to update the displayed content. It clearly means that software components of said online session software application [i.e., recreational application] is executed for setting up a common, shared session such that both of the users can participate in the session.

Claim 42:

On page 14 of the Appeal Brief, the Appellant contends the Examiner has failed to establish that the reference Shaw expressly or inherently describes all of the elements of claim 42 of this application. In addition with reference to claim 38, Considering claim 42, Shaw fails to disclose the claimed feature: "means for responding to a situation where such proposals have been exchanged by using communicational capabilities..., to establish a state where both.. .terminal arrangements possess resident software components..." This is supported in the same manner as indicated above, with respect to claims 38 and 40. Additionally, Shaw fails to disclose a wireless communications system, because even if some parts of the system of Shaw have wireless access to begin with, in principle the whole system is wire- based. Examiner respectfully disagrees with this argument for the following reasons:

Shaw teaches a method for distributing a recreational application online session software application see para. 30, lines 4-5 [i.e., recreational application] within a group of mobile terminals (34, fig. 1, para. 30, users) arrangements, where the group comprises at least two terminal (34, fig. 1, para. 30, users) arrangements and each terminal (34, fig. 1, para. 30, users) arrangement comprises a terminal (34, fig. 1, para. 30, users) of a broadband wireless access 34 in fig.1 [i.e., wireless network system] the method comprising the steps of:

With respect to fig. 1,7, Shaw teaches transmitting from a first terminal (34, fig. 1, para. 30, users) of said group of terminals (34, fig. 1, para. 30, users) to a second terminal (34, fig. 1, para. 30, users) said group of terminals (34, fig. 1, para. 30, users)

an invitation 196, fig. 7, para. 30, line 12 [i.e., proposal] for setting up a session of utilising a online session software application [i.e., recreational application]. In paragraph [0030], Shaw teaches one user is inviting another user to have gaming session. It clearly means that Shaw teaches transmitting from a first terminal of said group of terminals to a second terminal said group of terminals an invitation [i.e., proposal], and Shaw further teaches only after the second terminal has received said proposal, using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal and the second terminal arrangement possess executable software components of said recreational application for setting up a common, shared session and for executing said recreation application on said first and second terminals. In paragraphs 0030-0032, Shaw teaches that after each of the users downloads the online session software application, each user invites another user to participate in online gaming session. For example, using software application during the online session, users may communicate with other users via voice, music, messaging, or video streams, playing game. The retrieved move is then used to update the displayed content. At the same time, the cache engine also receives multicast information from other users' cache engines. The cache memory content is updated upon every user move or input. The retrieved user moves or input are used to update the displayed content. It clearly means that software components of said online session software application [i.e., recreational application] is executed for setting up a common, shared session such that both of the users can participate in the session.

Claim 43:

On page 14 of the Appeal Brief, the Appellant contends the Examiner has failed to establish that the reference Shaw expressly or inherently describes all of the elements of claim 43 of this application. Specifically the reference Shaw fails to disclose the elements of independent claims 43, as indicated with respect to claims 36, 39, and 41 above. In addition with reference to claim 43, Shaw fails to disclose the claimed feature: "only after the second terminal arrangement has received said proposal, using communicational capabilities...to establish a state where both..., possess enough resident executable software components..." Examiner respectfully disagrees with this argument for the following reasons:

Shaw teaches a method for distributing a recreational application online session software application see para. 30, lines 4-5 [i.e., recreational application] within a group of mobile terminals (34, fig. 1, para. 30, users) arrangements, where the group comprises at least two terminal (34, fig. 1, para. 30, users) arrangements and each terminal (34, fig. 1, para. 30, users) arrangement comprises a terminal (34, fig. 1, para. 30, users) of a broadband wireless access 34 in fig.1 [i.e., wireless network system] the method comprising the steps of:

With respect to fig. 1,7, Shaw teaches transmitting from a first terminal (34, fig. 1, para. 30, users) of said group of terminals (34, fig. 1, para. 30, users) to a second terminal (34, fig. 1, para. 30, users) said group of terminals (34, fig. 1, para. 30, users) an invitation 196, fig. 7, para. 30, line 12 [i.e., proposal] for setting up a session of utilising a online session software application [i.e., recreational application]. In

paragraph # 0030, Shaw teaches one user is inviting another user to have gaming session. It clearly means that Shaw teaches transmitting from a first terminal of said group of terminals to a second terminal said group of terminals an invitation [i.e., proposal], and Shaw further teaches only after the second terminal has received said proposal, using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal and the second terminal arrangement possess executable software components of said recreational application for setting up a common, shared session and for executing said recreation application on said first and second terminals. In paragraphs 0030-0032, Shaw teaches that after each of the users downloads the online session software application, each user invites another user to participate in online gaming session. For example, using software application during the online session, users may communicate with other users via voice, music, messaging, or video streams, playing game. The retrieved move is then used to update the displayed content. At the same time, the cache engine also receives multicast information from other users' cache engines. The cache memory content is updated upon every user move or input. The retrieved user moves or input are used to update the displayed content. It clearly means that software components of said online session software application [i.e., recreational application] is executed for setting up a common, shared session such that both of the users can participate in the session.

Claim 44:

On page 15 of the Appeal Brief, the Appellant contends the Examiner has failed to establish that the reference The Examiner has failed to establish that the reference Shaw expressly or inherently describes all of the elements of claim 44 of this application. Specifically the reference Shaw fails to disclose the elements of independent claims 38, 40, and 42, as indicated above. In addition with reference to claim 44, Shaw fails to disclose the claimed feature "only after the second terminal arrangement has received said proposal, using communicational capabilities..., to establish a state where both...possess resident software components...". Examiner respectfully disagrees with this argument for the following reasons:

Shaw teaches a method for distributing a recreational application online session software application see para. 30, lines 4-5 [i.e., recreational application] within a group of mobile terminals (34, fig. 1, para. 30, users) arrangements, where the group comprises at least two terminal (34, fig. 1, para. 30, users) arrangements and each terminal (34, fig. 1, para. 30, users) arrangement comprises a terminal (34, fig. 1, para. 30, users) of a broadband wireless access 34 in fig.1 [i.e., wireless network system] the method comprising the steps of:

With respect to fig. 1,7, Shaw teaches transmitting from a first terminal (34, fig. 1, para. 30, users) of said group of terminals (34, fig. 1, para. 30, users) to a second terminal (34, fig. 1, para. 30, users) said group of terminals (34, fig. 1, para. 30, users) an invitation 196, fig. 7, para. 30, line 12 [i.e., proposal] for setting up a session of

utilising a online session software application [i.e., recreational application]. In paragraph # 0030, Shaw teaches one user is inviting another user to have gaming session. It clearly means that Shaw teaches transmitting from a first terminal of said group of terminals to a second terminal said group of terminals an invitation [i.e., proposal], and Shaw further teaches only after the second terminal has received said proposal, using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal and the second terminal arrangement possess executable software components of said recreational application for setting up a common, shared session and for executing said recreation application on said first and second terminals. In paragraphs 0030-0032, Shaw teaches that after each of the users downloads the online session software application, each user invites another user to participate in online gaming session. For example, using software application during the online session, users may communicate with other users via voice, music, messaging, or video streams, playing game. The retrieved move is then used to update the displayed content. At the same time, the cache engine also receives multicast information from other users' cache engines. The cache memory content is updated upon every user move or input. The retrieved user moves or input are used to update the displayed content. It clearly means that software components of said online session software application [i.e., recreational application] is executed for setting up a common, shared session such that both of the users can participate in the session.

B: Claims 1-44 are rejected under 35 U.S.C. 102(e) as being anticipated by Hawkinet al (6009458).

Claims 1-44 are rejected under 35 U.S.C. 102(e) as being anticipated by Hawkinet al has been withdrawn.

C: Claims 1-44 are rejected under 35 U.S.C. 103(a) as being unpatentable over Perlman (6134590) in view of Hawkinet al (6009458).

Claims 1-44 are rejected under 35 U.S.C. 103(a) as being unpatentable over Perlman in view of Hawkinet al has been withdrawn.

Art Unit: 2617

(11) Related Proceeding(s) Appendix

No decision rendered by a court or the Board is identified by the examiner in the Related Appeals and Interferences section of this examiner's answer.

For the above reasons, it is believed that the rejections should be sustained.

Respectfully submitted,

/Khawar Iqbal/

Examiner

Art Unit 2617

Conferees:

/George Eng/

Supervisory Patent Examiner, Art Unit 2617

George Eng, SPE AU 2617

Charles Appiah, SPE AU 2617

/Charles N. Appiah/

Supervisory Patent Examiner, Art Unit 2617